

Teachers (1 to 5 Years of Experience)

Difference between Mean T-Value
in Upper and Lower Quintiles

[1-5 Years of Experience vs. Statewide Reference Population of
Teachers w/ 1-5 Years Experience]

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Math
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	-0.2416	-0.0647	-0.3569	-0.1439	-0.2617	-0.1160
Carson-Newman College	.	-0.0142	.	.	-0.5980	0.0490
Christian Brothers University	-0.3169	.	.	.	-0.1533	-0.9162
Crichton College	.	0.1625	.	-0.3500	.	-0.1326
Cumberland University	0.0908	.
East Tennessee State University	-0.2915	-0.2647	-0.0672	0.0277	-0.1902	-0.1859
Freed-Hardeman College	.	0.0643	.	.	.	0.0994
Lee College	0.1145	-0.1997	.	0.3229	0.0614	-0.0373
Lincoln Memorial University	-0.6628	0.0280	.	.	-0.6300	0.1030
Maryville College	.	0.1406	.	.	.	0.1527
Middle Tennessee State University	0.1841	-0.1805	0.0290	-0.2917	0.1470	-0.2157
Tennessee State University	-0.4517	-0.1114	.	-0.0517	-0.3396	-0.1171
Tennessee Technological University	-0.1357	0.0322	-0.4869	0.1298	-0.2276	0.0423
Trevecca Nazarene University	.	-0.3003	.	.	-0.0247	-0.2156
Tusculum College	-0.4993	0.0442	.	-0.4298	-0.5101	-0.1652
Union University	.	-0.4362	.	.	.	-0.3281
University of Memphis	0.0588	-0.2099	0.3819	-0.4584	0.1780	-0.3309
University of Tennessee, Chattanooga	0.9080	0.0317	0.1899	-0.0117	0.5811	-0.0143
University of Tennessee, Knoxville	0.2026	0.1491	-0.2406	0.4726	0.0693	0.2794

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Math
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
University of Tennessee, Martin	-0.4211	0.2301	.	.	-0.4426	0.3442

Notes

Reference population is defined as an equal weight of the 39 institutions with teachers having 1-5 years of experience.

. indicates an institution had fewer than 5 teachers.

Red cells indicate a statistically significant negative difference from the reference population.

Green cells indicate a statistically significant positive relationship from the reference population.

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Reading/Language
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	-0.2273	0.0209	-0.1024	-0.0110	-0.1486	-0.0021
Belmont University	0.0651	.
Carson-Newman College	-0.1253	0.0243	-0.0201	0.1228	-0.0577	0.0457
Christian Brothers University	.	-0.0686	0.5742	.	0.4467	0.0346
Crichton College	.	-0.0467	-0.2872	.	-0.2468	-0.0400
David Lipscomb University	0.0660	0.0874
East Tennessee State University	-0.0185	0.1311	-0.0603	0.2300	-0.0426	0.1655
Freed-Hardeman College	0.0725	.	.	.	0.0097	.
Lee College	0.0391	0.0614	-0.1053	0.1771	-0.0370	0.0897
Lincoln Memorial University	-0.1732	0.1368	-0.0017	0.0040	-0.1177	0.0740
Maryville College	0.0172
Middle Tennessee State University	-0.1173	0.2058	-0.1420	-0.0480	-0.1412	0.0639
Milligan College	.	.	.	-0.2629	.	-0.3121
Tennessee State University	0.0019	0.0199	0.0010	0.0624	-0.0066	0.0263
Tennessee Technological University	0.0584	0.0358	-0.0892	0.1243	-0.0197	0.0635
Tennessee Wesleyan College	-0.0687	0.1380
Trevecca Nazarene University	-0.1118	0.0174	.	.	-0.1624	0.0477
Tusculum College	-0.0141	0.0474	-0.3208	0.0678	-0.1756	0.0419
Union University	0.1901
University of Memphis	0.0529	0.0316	0.3146	0.1614	0.2131	0.0616
University of Tennessee, Chattanooga	-0.0558	-0.0126	.	-0.3207	0.2093	-0.1817
University of Tennessee, Knoxville	-0.1809	0.2104	-0.1808	0.0822	-0.1822	0.1425
University of Tennessee, Martin	-0.1458	0.1779	.	0.3190	-0.1502	0.2169

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Reading/Language
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Vanderbilt University	-0.3964

Notes

Reference population is defined as an equal weight of the 39 institutions with teachers having 1-5 years of experience.

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Red cells indicate a statistically significant negative difference from the reference population.

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Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Science
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	-0.1591	-0.1905	-0.9111	-0.1738	-0.3612	-0.2872
Belmont University	1.2756	.
Carson-Newman College	-0.4481	0.1970
Christian Brothers University	0.8772	-0.1144	.	.	1.4644	0.0274
Crichton College	.	-0.3925	.	.	0.2125	-0.0744
David Lipscomb University	-0.2554	.
East Tennessee State University	-0.1867	0.2154	-1.0571	.	-0.3061	0.4132
Freed-Hardeman College	-0.1397	.	.	.	0.3131	-0.5349
Lee College	0.1645	0.0031	.	.	-0.0545	0.2223
Lincoln Memorial University	-0.3078	-0.1472	.	.	-0.3943	0.0128
Middle Tennessee State University	-0.1230	0.0622	0.4329	-1.1383	0.4864	-0.3257
Milligan College	.	.	.	0.1892	.	-0.2974
Tennessee State University	0.7385	0.2675	.	-0.7836	0.7142	0.0290
Tennessee Technological University	0.2108	0.0860	-0.9555	0.4916	-0.0066	0.1841
Trevecca Nazarene University	-0.8960	0.1898	.	.	-0.7707	-0.2780
Tusculum College	-0.1149	0.2053	.	.	-0.2915	0.2927
University of Memphis	-0.0990	-0.2296	-0.2982	0.1041	-0.0440	-0.0775
University of Tennessee, Chattanooga	0.4597	-0.0532	-0.2178	-0.3445	0.5639	-0.4053
University of Tennessee, Knoxville	0.3657	0.0066	-0.1955	.	0.2895	0.1132

Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Science
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
University of Tennessee, Martin	-0.5595	0.1583	.	.	-0.7469	0.1371

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Tennessee Higher Education Study
Difference between Institution and Reference Population
in 2008 Mean T-Value of Teacher Effect
for Upper and Lower Quintiles

Subject: Social Studies
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
Austin Peay State University	0.0004	0.1493	0.0037	0.3716	-0.0864	0.3415
Bethel College	-0.8482	.
Carson-Newman College	-0.5128	0.0573	-0.7545	.	-0.5250	0.3163
Christian Brothers University	.	0.2719	.	.	0.2662	0.4164
Crichton College	.	-0.6844	.	.	.	-0.4175
Cumberland University	0.5099	.	.	.	0.1415	.
David Lipscomb University	0.0293	.	.	.	0.9312	.
East Tennessee State University	0.2878	0.1145	-0.5479	0.2612	-0.0259	0.2744
Freed-Hardeman College	0.1028	.	.	.	0.2443	.
Lee College	0.3800	0.1566	-0.7228	.	-0.0349	0.3143
Lincoln Memorial University	-0.3197	0.1699	.	.	-0.3955	0.1737
Maryville College	-0.1594	.
Middle Tennessee State University	0.0633	0.0881	-0.2712	0.0062	-0.0219	0.1587
Tennessee State University	0.5993	0.0463	-0.7437	0.1977	0.0514	0.1653
Tennessee Technological University	0.0152	0.0447	-0.2815	0.3919	-0.0902	0.2536
Trevecca Nazarene University	0.5328	-0.2683	.	.	0.0121	0.0834
Tusculum College	0.2475	-0.2806	.	.	-0.1209	-0.1146
University of Memphis	0.3019	-0.0690	0.2577	0.3791	0.3330	0.1717
University of Tennessee, Chattanooga	.	-0.2592	0.4138	0.2821	0.7687	0.0189
University of Tennessee, Knoxville	0.7588	0.1516	-0.2320	.	0.3733	0.1590

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Difference between Institution and Reference Population
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for Upper and Lower Quintiles

Subject: Social Studies
New Teachers Defined as Having 1-5 Years of Experience

	Grades 4 & 5		Grades 6,7 & 8		All Grades	
Institution	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile	Upper Quintile	Lower Quintile
University of Tennessee, Martin	-0.2032	-0.5155	0.3301	.	0.1226	-0.2578

Notes

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